

IN THE CLAIMS

1 1. (Twice Amended) A computer system comprising:
2 a bus;
3 at least one memory coupled to the bus for storing data and
4 programming instructions that include applications and an operating system;
5 and
6 a processing unit coupled to the bus and running the operating system
7 and applications by executing programming instructions, wherein an
8 application has a first plurality of tailored distinct programming interfaces
9 available to access a plurality of separate sets of [I/O] computer system services
10 provided through the operating system of the computer system via service
11 requests.

C' 1 2. (Twice Amended) The computer system defined in Claim 3 [1]
2 wherein each of the first plurality of tailored distinct programming interfaces
3 are tailored to a type of I/O service provided by each set of I/O services.

1 3. (Twice Amended) A [The] computer system [defined in Claim 1]
2 comprising:
3 a bus;
4 at least one memory coupled to the bus for storing data and
5 programming instructions that include applications and an operating system,
6 wherein the operating system comprises a plurality of servers, and each of the
7 first plurality of programming interfaces transfer service requests to one of
8 the plurality of servers, wherein each of the plurality of servers responds to
9 service requests from clients of the separate sets of I/O services; and

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10 a processing unit coupled to the bus and running the operating system
11 and applications by executing programming instructions, wherein an
12 application has a first plurality of tailored distinct programming interfaces
13 available to access a plurality of separate sets of I/O services provided through
14 the operating system via service requests.

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1 9. (Twice Amended) A computer system comprising:
2 a bus;
3 at least one memory coupled to the bus for storing data and
4 programming instructions that comprise applications and an operating
5 system;
6 a processing unit coupled to the bus and running the operating system
7 and applications by executing programming instructions, wherein the
8 operating system provides [input/output (I/O)] computer system services
9 through a tailored distinct one of a plurality of program structures, each
10 tailored distinct program structure comprising;
11 a first programming interface for receiving service requests for a
12 set of computer system I/O services of a first type,
13 a first server coupled to receive service requests and to dispatch
14 service requests to the computer system I/O services,
15 an activation model to define an operating environment in
16 which a service request is to be serviced by the set of computer system
17 I/O services, and
18 at least one specific instance of the set of computer system I/O
19 services that operate within the activation model.

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Please cancel claim 14 without prejudice.

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1 15. (Amended) A computer system comprising:
2 a bus;
3 at least one memory coupled to the bus for storing data and
4 programming instructions that comprise applications and an operating
5 system;
6 a processing unit coupled to the bus and running the operating system
7 and applications by executing programming instructions, wherein the
8 operating system provides input/output (I/O) services through a tailored
9 distinct one of a plurality of program structures, each tailored distinct
10 program structure comprising:
C3 11 a first programming interface for receiving service requests for a
12 set of I/O services of a first type,
13 a first server coupled to receive service requests and to dispatch
14 service requests to the I/O services,
15 an activation model to define an operating environment in
16 which a service request is to be serviced by the set of I/O services, and
17 at least one specific instance of the set of I/O services that operate
18 within the activation model, wherein one of the said at least one
19 specific instances comprises a service that accesses another program
20 structure, and further wherein said one of said at least one specific
21 [instance] instances communicates to said another program structure of
22 a second type using a message created using a library sent to the server
23 of said another program structure.

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1 19. (Twice Amended) A computer implemented method of
C4 2 accessing I/O services of a first type, said computer implemented method
3 comprising the steps of: